

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 3581.10US01  U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold;">10/586111</div>
INTERNATIONAL APPLICATION NO. PCT/EP2005/050131	INTERNATIONAL FILING DATE 13 January 2005	PRIORITY DATE CLAIMED 16 January 2004
TITLE OF INVENTION IMMUNOKINASES		
APPLICANT(S) FOR DO/EO/US BARTH, Stefan; TUR, Mehmet Kemal; STÖCKER, Michael and FISCHER, Rainer		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> </ol>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/586111</div>	INTERNATIONAL APPLICATION NO. PCT/EP2005/050131	ATTORNEY'S DOCKET NUMBER 3581.10US01																
20. Other items or information:  Compact Disc Transmittal with 2 Identical Disks; Verified Statement with 18 pages of Sequence Listing, copy of Front Page of Published PCT Application (WO 2005/068616 A3), a copy of one cited reference and a copy of PCT International Search Report mailed August 29, 2005 - 7 pages.																		
The following fees have been submitted		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 60%;">CALCULATIONS</th> <th style="width: 40%;">PTO USE ONLY</th> </tr> </table>	CALCULATIONS	PTO USE ONLY														
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21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 300</td> <td style="width: 40%;"></td> </tr> </table>	\$ 300															
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22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 200</td> <td style="width: 40%;"></td> </tr> </table>	\$ 200															
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23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 400</td> <td style="width: 40%;"></td> </tr> </table>	\$ 400															
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<b>TOTAL OF 21, 22 and 23 =</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">900</td> <td style="width: 40%;"></td> </tr> </table>	900															
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<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"></td> <td style="width: 40%;"></td> </tr> </table>																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">Total Sheets</th> <th style="width: 15%;">Extra Sheets</th> <th style="width: 30%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width: 40%;">RATE</th> </tr> <tr> <td style="text-align: center;">- 100 = 0</td> <td style="text-align: center;">/50 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$250</td> </tr> </table>	Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	- 100 = 0	/50 =	0	x \$250	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 0</td> <td style="width: 40%;"></td> </tr> </table>		\$ 0							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE															
- 100 = 0	/50 =	0	x \$250															
\$ 0																		
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$</td> <td style="width: 40%;"></td> </tr> </table>	\$															
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">CLAIMS</th> <th style="width: 15%;">NUMBER FILED</th> <th style="width: 15%;">NUMBER EXTRA</th> <th style="width: 40%;">RATE</th> </tr> <tr> <td style="text-align: center;">Total claims</td> <td style="text-align: center;">29 - 20 =</td> <td style="text-align: center;">9</td> <td style="text-align: center;">x \$ 50</td> </tr> <tr> <td style="text-align: center;">Independent claims</td> <td style="text-align: center;">1 - 3 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$200</td> </tr> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	29 - 20 =	9	x \$ 50	Independent claims	1 - 3 =	0	x \$200	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 450</td> <td style="width: 40%;"></td> </tr> <tr> <td style="width: 60%;">\$ 0</td> <td style="width: 40%;"></td> </tr> </table>		\$ 450		\$ 0	
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Total claims	29 - 20 =	9	x \$ 50															
Independent claims	1 - 3 =	0	x \$200															
\$ 450																		
\$ 0																		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">+ \$360</td> <td style="width: 40%;">\$ 0</td> </tr> </table>	+ \$360	\$ 0														
+ \$360	\$ 0																	
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 1,350</td> <td style="width: 40%;"></td> </tr> </table>	\$ 1,350															
\$ 1,350																		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"></td> <td style="width: 40%;"></td> </tr> </table>																
<b>SUBTOTAL =</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 1,350</td> <td style="width: 40%;"></td> </tr> </table>	\$ 1,350															
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Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$</td> <td style="width: 40%;"></td> </tr> </table>	\$															
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<b>TOTAL NATIONAL FEE =</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 1,350</td> <td style="width: 40%;"></td> </tr> </table>	\$ 1,350															
\$ 1,350																		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$</td> <td style="width: 40%;"></td> </tr> </table>	\$															
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<b>TOTAL FEES ENCLOSED =</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 1,350</td> <td style="width: 40%;"></td> </tr> </table>	\$ 1,350															
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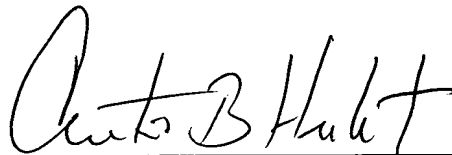
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☒ A check in the amount of \$ 1,350.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3863. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Curtis B. HERBERT  
Dardi & Associates, PLLC  
US Bank Plaza, Suite 2000  
220 South 6th Street  
Minneapolis, Minnesota 55402



SIGNATURE

Curtis B. HERBERT

NAME

45,443

REGISTRATION NUMBER

10/586111  
IAP11 Rec'd PCT/PTO 14 JUL 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PCT RECEIVING OFFICE (RO/US)

In re the application of:

Attorney Docket No.: 3581.10US01

BARTH et al.

Application No.: *Not Yet Assigned*

Filed: *Concurrently Herewith*

For: IMMUNOKINASES

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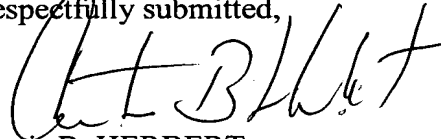
**SUBMISSION OF DOCUMENTS**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Enclosed for filing in the above-identified application are the following documents:

1. Certificate of Express Mailing;
2. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 – 3 pages;
3. Information Disclosure Statement and Form PTO-1449 – 3 pages;
4. Copy of one (1) cited reference;
5. Preliminary Amendment – 14 pages;
6. Compact Disc Transmittal with 2 Identical Disks;
7. Verified Statement with 18 pages of Sequence Listing;
8. Front Page of PCT Publication No. WO 2005/068616 A3 – 1 page;
9. Copy of the International Search Reports mailed August 29, 2005;
10. Check in the amount of \$1,350.00; and
11. Return Postcard.

Respectfully submitted,



Curtis B. HERBERT  
Registration No. 45,443

Dardi & Associates  
US Bank Plaza, Suite 2000  
220 South 6<sup>th</sup> Street  
Minneapolis, Minnesota 55402  
Telephone: (612) 746-3005

CERTIFICATE OF EXPRESS MAIL

"Express Mail" mailing label number EV 918899601 US. Date of Deposit: 14 July 2006. I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Shari R. Thorndike  
Name of Person Making Deposit

  
Signature

**COMPACT DISC TRANSMITTAL SHEET FOR  
SUBMISSION OF SEQUENCE LISTING AND/OR TABLES  
TO THE UNITED STATES RECEIVING OFFICE UNDER  
PCT ADMINISTRATIVE INSTRUCTIONS - PART 8**

*For Receiving Office Use Only*

*International Application Number*

*For Receiving Office Use Only*

*For Receiving Office Use Only*

Date of transmission back to applicant

Date of receipt in RO/US

# CDs recvd.

**INTERNATIONAL APPLICATION DATA**

Applicant: BARTH et al.

File Reference: 3581.10US01

Title: IMMUNOKINASES

**APPLICANT'S CONTACT INFORMATION**

Name of Contact: Curtis B. Herbert

Telephone Number: 612-605-1038

Facsimile Number: 612-746-3006

**SEQUENCE LISTING FILE**

Name of File (as per CD directory): 3581.10US01.rtf

Size of File (in bytes or kilobytes): 63 KB

Date of File (as per CD directory): 13 July 2006

**TABLES FILE(S) (use continuation box below if necessary)**

Name of File(s) (as per CD directory): \_\_\_\_\_

Size of File(s) (in bytes or kilobytes): \_\_\_\_\_

Date of File(s) (as per CD directory): \_\_\_\_\_

**STATEMENT**

I hereby certify that the four copies of the sequence listing part and/or the three copies of the tables part submitted herewith are identical.

Name of Person Signing: Curtis B. HERBERT (Reg. No. 45,443)

Signature of Applicant, Agent, or Common Representative: \_\_\_\_\_

*Curtis B. Herbert*

**CONTINUATION OF TABLES FILE(S) (attach additional sheets if necessary)**

10/586111

1AP11 Rec'd PCT/PTO 14 JUL 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PCT RECEIVING OFFICE (RO/US)

In re the application of:

Attorney Docket No.: 3581.10US01

BARTH et al.

Application No.: *Not Yet Assigned*

Filed: *Concurrently Herewith*

For: IMMUNOKINASES

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VERIFIED STATEMENT

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I, Curtis Herbert, declare that I personally prepared the paper and the computer-readable copy of the Sequence Listing filed herewith for the above-identified application and that the content of both is the same. I further declare that this sequence listing does not go beyond the disclosure in the international application as originally filed.

Date:

Jul 14 2006

Curtis Herbert  
Curtis B. HERBERT  
Registration No. 45,443

Dardi & Associates  
US Bank Plaza, Suite 2000  
220 South 6<sup>th</sup> Street  
Minneapolis, Minnesota 55402  
Telephone: (612) 746-3005

CERTIFICATE OF EXPRESS MAIL

"Express Mail" mailing label number EV 918899601 US. Date of Deposit: 14 July 2006. I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Shari R. Thorndike  
Name of Person Making Deposit

Shari R. Thorndike  
Signature